



PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION 8-964, 19 OCT 67.

THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE

COMIREX TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS--

C @CLEAR, SC @SCATTERED CLOUD COVER, HC @HEAVY CLOUD COVER,

H @HAZE, CS @CLOUD SHADOW, SD @SEMI-DARKNESS, 001 OCT 12 20 35Z

@GROUND COVER, CF @CAMOUFLAGE, O @OBLIQUITY, AND

GR @GROUND RESOLUTION.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS

G @GOOD, F @FAIR, OR P @POOR. THE EXTENT OF

TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL

OR PT @PARTIAL. THE MODE OF COVERAGE IS SIGNIFIED

BY ST @STEREO, NS @NONSTEREO, OR PS @PARTIAL STEREO.

AAA DEFENSES ARE DIVIDED INTO FOUR BASIC CATEGORIES -- LIGHT

@21-75 MM, MEDIUM @76-100 MM, HEAVY @OVER 100 MM, AND AUTOMATIC

WEAPONS @ZPU-1, ZPU-2, AND ZPU-4. IF THE CATEGORY CANNOT BE

DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER

OF GUNS INDICATED @EXAMPLE -- 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED.

MISSILES

CIFUENTES SAM ASSEMBLY AREA CU 2236N @88@5W

OB -- NONE.

AREA REMAINS ABANDONED.

HOLGUIN SAM SITE B27-2 CU 2052N @7627W

OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES, 7 MISSILE

TRANSPORTERS @4 WITH EXPOSED MISSILES, A FAN SONG

RADAR WITH 6 ASSOCIATED VAN TRAILERS, 7 TRUCK-TRACTORS,

3 CARGO TRUCKS, AND 3 ADDITIONAL VAN TRAILERS.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

HOLGUIN AIRFIELD SAM SITE CU 2046N @7619W

OB -- 4 EMPLACED LAUNCHERS, A PROBABLE FAN SONG RADAR,

AND 3 PROBABLE MISSILE TRANSPORTERS.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

HOLGUIN SAM SITE WEST CU 2051N @7627W

OB -- NONE.

CONSTRUCTION CONTINUES.

RANCHUELO SAM SITE A33-2 CU 2223N @8810W

OB -- 6 EMPLACED LAUNCHERS, 10 MISSILE TRANSPORTERS, A

FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, AN

ACQUISITION RADAR WITH 2 VAN TRAILERS, 10 CARGO TRUCKS,

3 VAN TRAILERS, AND 24 UNIDENTIFIED VEHICLES.

[REDACTED]  
SANTA CLARA SAM SITE A34-2 CU 2229N 08000W  
OB -- 6 EMPLACED LAUNCHERS, 12 MISSILE TRANSPORTERS, A  
FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, AN  
ACQUISITION RADAR WITH GENERATOR VAN, 12 ZIL-157V  
TRUCK-TRACTORS, AND 4 OTHER VEHICLES/PIECES OF  
EQUIPMENT.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

[REDACTED]  
SANTA ISABEL DE LAS LAJAS SAM SITE A35-2 CU 2228N 08018W  
OB -- 6 PROBABLE EMPLACED LAUNCHERS, AT LEAST 9  
PROBABLE MISSILE TRANSPORTERS, AN OCCUPIED CENTRAL  
GUIDANCE AREA, AN OCCUPIED ACQUISITION RADAR REVETMENT,  
AND 13 VEHICLES/PIECES OF EQUIPMENT.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

[REDACTED]  
LA VEGUITA SAM ASSEMBLY AREA CU 2049N 07615W  
OB -- 5 TRUCK-TRACTORS, 10 CARGO TRUCKS, 3  
TRUCK-MOUNTED CRANES, 5 MISSILE CANISTER TRANSPORTERS,  
NUMEROUS MISSILE CANISTERS, AND 2 OTHER VEHICLES.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN FACILITIES.

25X1

[REDACTED]  
SAN PEDRO DE CACOCUM SAM SITE 2 CU 2045N 07615W  
OB -- 6 EMPLACED LAUNCHERS 03 WITH MISSILES, 1  
PROBABLE MISSILE TRANSPORTER, A FAN SONG RADAR WITH 6  
ASSOCIATED VAN TRAILERS, 2 CARGO TRUCKS, AND 1 OTHER  
VEHICLE.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

[REDACTED]  
LA MAYA SAM SITE CU 2014N 07540W  
OB -- 6 EMPLACED LAUNCHERS 03 WITH MISSILES, 9 MISSILE  
TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN  
TRAILERS, A SPOON REST RADAR WITH GENERATOR VAN, 1  
ZIL-157V TRUCK-TRACTOR, 3 CARGO TRUCKS, AND 3 OTHER VAN  
TRAILERS.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

[REDACTED] AIR FACILITIES  
CAMILO CIENFUEGOS AIRFIELD CU 2229N 07956W  
OB -- 26 FAGOT/FRESCO, 1 COLT, AND 1 HOUND.

25X1

[REDACTED]  
CAMAGUEY INTERNATIONAL AIRFIELD CU 2125N 07750W  
OB -- 1 CRATE, 2 COLT, AND 5 HOUND.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

25X1

[REDACTED]  
HOLGUIN AIRFIELD CU 2047N 07618W  
OB -- 6 EMPLACED LAUNCHERS 03 WITH MISSILES, 12 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, AN ACQUISITION RADAR WITH GENERATOR VAN, 12 ZIL-157V TRUCK-TRACTORS, AND 4 OTHER VEHICLES/PIECES OF EQUIPMENT.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

LOS CANOS AIRFIELD

OB -- NONE OBSERVED

ANTONIO MACEO AIRFIELD CU 1958N 07550W

OB -- 1 POSSIBLE COOT AND 1 POSSIBLE C-47.

CORONEL PASCUAL AIRFIELD CU 2307N 08117W

OB -- NONE OBSERVED.

NAVAL ACTIVITY/PORTS

CIENFUEGOS NAVAL BASE CU 2208N 08027W

OB -- NONE OBSERVED.

VESSELS -- 1 LARGE FREIGHTER.

SANTIAGO DE CUBA NAVAL BASE AND PORT CU 2001N 07550W

OB -- NONE OBSERVED.

VESSELS -- 9 LARGE FREIGHTERS AND 1 LARGE TANKER.

NUEVITAS PORT CU 2132N 07715W

VESSELS -- 7 LARGE FREIGHTERS AND 1 COASTAL FREIGHTER.

LA ISABELA PORT CU 2256N 0800W

VESSELS -- 2 LARGE FREIGHTERS.

CAIBARIEN PORT CU 2231N 07928W

VESSELS -- NONE.

CARDENAS PORT CU 2302N 08111W

VESSELS -- 2 COASTAL FREIGHTERS.

ELECTRONICS/COMMUNICATIONS

SANTA CLARA EW/GCI RADAR SITE CU 2220N 07956W

OB -- 1 TOKEN RADAR AND 3 ASSOCIATED VAN TRAILERS.

NO APPARENT CHANGE IN FACILITIES.

HOLGUIN EW/GCI RADAR SITE CU 2048N 07618W

OB -- NONE OBSERVED.

PUNTA MAISI LOW SIEVE RADAR SITE CU 2014N 07400W

OB -- 1 LOW SIEVE RADAR.

VARADERO LOW SIEVE RADAR SITE CU 2311N 08108W

OB -- NONE OBSERVED.

SAGUA LA GRANDE EW/GCI RADAR SITE 2 CU 2248N 08006W

OB -- NONE OBSERVED.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE, 1 OCCUPIED 3-GUN

AAA SITE, 3 APPROVED TRUCKS AND 206/0008100110052-8

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

PUNTA MULAS SUSPECT LOW SIEVE RADAR SITE CU 2114N 87600W  
OB -- 1 PROBABLE LOW SIEVE RADAR.  
NO APPARENT CHANGE IN FACILITIES.

25X1

SAN MIGUEL EW/GCI RADAR SITE CU 2229N 87953W  
OB -- 1 TOKEN RADAR AND 6 VAN TRUCKS/TRAILERS.

25X1

MILITARY ACTIVITY

ALTO CEDRO MILITARY CAMP CU 2029N 87600W

AREA 1 -- IDENTIFICATION ONLY.

AREA 2 -- 19 FA PIECES, 22 CARGO TRUCKS, AND 2 CARGO TRAILERS.

AREA 3 -- 9 POSSIBLE FA PIECES AND 17 CARGO TRUCKS.

AREA 4 -- 9 TANKS/SP GUNS, 6 AAA PIECES, AND 31 CARGO TRUCKS.

AREA 5 -- 4 FA PIECES, 6 AAA PIECES, 15 BTR-60P, 46 CARGO TRUCKS, AND 3 OTHER VEHICLES.

AREA 6 -- 22 CARGO AND UTILITY TRUCKS.

AREA 7 -- 5 BTR-60P, 11 BTR-152, 17 CARGO TRUCKS, 4 VAN TRUCKS, AND 12 OTHER VEHICLES/PIECES OF EQUIPMENT.

NO APPARENT CHANGE IN FACILITIES.

25X1

DOS CAMINOS MILITARY CAMP CU 2014N 87547W

OB -- 37 FA PIECES, 6 AAA PIECES, 8 MORTARS, 52 AT-S TRACKED PRIME MOVERS, AND 52 CARGO TRUCKS.

NO APPARENT CHANGE IN FACILITIES.

25X1

GUANTANAMO AREA CU 2018N 87525W

NO NEW MILITARY ACTIVITY OBSERVED.

AREAS 1, 2, AND 3 -- 50 PERCENT USEABLE COVERAGE.

AREAS 4, 5, 7, 8, AND 9 -- 90 PERCENT USEABLE COVERAGE.

AREA 6 -- 70 PERCENT USEABLE COVERAGE.

25X1

HOLGUIN MILITARY CAMP CU 2053N 87613W

OB @MAIN CAMP -- 6 TANKS/SP GUNS, 25 FA PIECES, 41 AAA PIECES, 20 MORTARS, 16 BTR-60P, 2 BRDM, 64 CARGO TRUCKS, AND 2 TRUCK-MOUNTED CRANES.

OB @CAMP 2.2 NM SE -- 6 FA PIECES, 16 CARGO TRUCKS, AND 9 OTHER VEHICLES.

NO APPARENT CHANGE IN FACILITIES.

25X1

HOLGUIN MILITARY CAMP NW CU 2057N 87616W

OB -- 5 AAA PIECES, 22 CARGO TRUCKS, AND 3 OTHER VEHICLES

NO APPARENT CHANGE IN FACILITIES.

25X1

CORRALILLO MILITARY AREA CU 2321N 88038W

OB -- 12 AAA PIECES, 20 CARGO TRUCKS, 16 CARGO TRUCKS, 17A000900010052-8

25X1

NO APPARENT CHANGE IN FACILITIES. Approved For Release 2006/08/18 : CIA-RDP78B03817A000900010052-8

CUABITAS MILITARY CAMP CU 2023N 87548W  
OB -- 10 PROBABLE TANKS/SP GUNS AND 9 OTHER VEHICLES.  
NO APPARENT CHANGE IN FACILITIES.

MARTI ARMOR TRAINING AREA CU 2258N 88059W  
OB -- 3 CARGO TRUCKS.  
NO APPARENT CHANGE IN FACILITIES.

MINAS MILITARY CAMP CU 2127N 87734W  
OB -- 1 TANK, 15 TANKS/SP GUNS, 8 CARGO TRUCKS, AND 10  
OTHER VEHICLES.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN FACILITIES.

OFELIA MILITARY CAMP CU 2206N 87538W  
OB -- 10 TANKS/SP GUNS, 2 FA PIECES, 2 PROBABLE FA  
PIECES, 34 CARGO TRUCKS, 7 UTILITY TRUCKS, AND 3 CARGO  
TRAILERS.  
ACTIVITY -- 4 OCCUPIED 6-GUN AAA SITES.  
NO APPARENT CHANGE IN FACILITIES.

PUERTO PADRE MILITARY AREA CU 2111N 87639W  
OB -- 8 TANKS/SP GUNS, 6 FA PIECES, 3 POSSIBLE AAA  
PIECES, 6 MORTARS, 4 PROBABLE BRDM, 36 CARGO TRUCKS,  
AND 2 UTILITY TRUCKS.  
NO APPARENT CHANGE IN FACILITIES.

LAS MERCEDES VEHICLE PARK CU 2224N 88041W  
OB -- 3 SA-2 MISSILE TRANSPORTERS AND 30 UNIDENTIFIED  
VEHICLES.  
NO APPARENT CHANGE IN FACILITIES.

LA CHARCA MILITARY ACTIVITY CU 2246N 88036W  
OB -- 39 BTR-60P, 22 FA PIECES, 2 PROBABLE FA PIECES, 9  
AAA PIECES, 8 MORTARS, 72 CARGO TRUCKS, 25 UTILITY  
TRUCKS, AND 3 TRUCK-MOUNTED CRANES.  
ACTIVITY -- 3 OCCUPIED 6-GUN AAA SITES AND 1 OCCUPIED  
3-GUN AAA SITE.  
NO APPARENT CHANGE IN FACILITIES.

JESUS MARIA PROBABLE MILITARY BARRACKS CU 2056N 87615W  
OB -- NONE.  
NO APPARENT CHANGE IN FACILITIES.

SIDNEY LANDING BEACH CU 2057N 87542W  
NO APPARENT CHANGE IN FACILITIES.

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

PLAYA YATERITAS LANDING BEACH CU 1958N 07457W  
NO NEW MILITARY ACTIVITY OBSERVED.

25X1

NICARO LANDING BEACH CU 2042N 07533W  
NO NEW MILITARY ACTIVITY OBSERVED.

25X1

MOA @PUNTA GORDAN LANDING BEACH CU 2039N 07453W  
NO NEW MILITARY ACTIVITY OBSERVED.

25X1

MOA @CANANOVAN LANDING BEACH CU 2039N 07502W  
NO NEW MILITARY ACTIVITY OBSERVED.

25X1

CAYO DE SABINAL LANDING BEACH CU 2144N 07728W  
NO NEW MILITARY ACTIVITY OBSERVED.

25X1

25X1

-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

IMIAS LANDING BEACH	2005N 07440W
GANUZA LANDING BEACH	2305N 08030W
PENINSULA DE HICACOS LANDING BEACH	2311N 08130W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

SANTIAGO DE CUBA SAM SITE A23-2	1959N 07550W
SANTIAGO DE CUBA SAM ASSEMBLY AREA	2004N 07553W
SANTIAGO DE CUBA SAM SITE 2	1958N 07549W
PALMA SORIANO SAM SITE A02-2	2015N 07559W
LA ESPERANZA SAM ASSEMBLY AREA	2227N 08008W
MATANZAS PORT	2302N 08134W
SANTIAGO DE CUBA EW/GCI RADAR SITE	1959N 07551W
SANTIAGO DE CUBA EW/GCI RADAR SITE 2	2005N 07551W
LA SOCAPA LOW SIEVE RADAR SITE	1958N 07552W
REMEDIOS MILITARY AREA	2227N 07933W
EL CRISTO MILITARY INSTALLATION	2010N 07547W
LA QUINTA MILITARY CAMP	2002N 07551W
SANTIAGO DE CUBA MILITARY CAMP NW	2003N 07554W
SANTIAGO DE CUBA MILITARY CAMP	2003N 07553W
SANTIAGO DE CUBA MIL CAMP SAN JUAN HILL	2001N 07547W
MATANZAS LANDING BEACH	2301N 08126W
MAR VERDE LANDING BEACH	1957N 07556W